

**LAWRENCE TECHNOLOGICAL UNIVERSITY ~ TRANSFER GUIDE  
WEST SHORE COMMUNITY COLLEGE**

**Major:** *COMPUTER SCIENCE*

**Valid For:** Lawrence Technological University 2008-2009 Catalog  
West Shore Community College 2009-2011 Catalog

West Shore Community College Courses Required	Lawrence Technological University Equivalencies	Options		
		1	2	3
Natural Sciences Courses				
MPHY 236	PHY2413 UNIV PHYSICS 1 PHY2421 UNIV PHYSICS LAB 1	X		
MPHY 237	PHY2423 UNIV PHYSICS 2 PHY2431 UNIV PHYSICS LAB 2	X		
Select two courses and one must include a lab:	NSCXXX3 NATURAL SCIENCE ELECTIVE CREDIT (7 credit hours)		X	X
Mathematics				
MMTH 222	MCS1414 CALC 1	X		
MMTH 223	MCS1424 CALC 2	X		
MMTH 224	MCS2414 CALC 3	X		
MMTH 150 OR 151	MCS1214 MATH ANAL I		X	X
MMTH 220 OR 222	MCS1224 MATH ANAL II		X	X
NO EQUIVALENT	MCS1003 INTRO TO COMP APP	X	X	X
Communications				
CENG 111	COM1103 ENG COMP	X	X	X
NO EQUIVALENT	COM2103 TECH & PROF COMM	X	X	X
Humanities				
Select Two Courses: <b>CENG</b> 115, <b>CLFP</b> 101, 211, 212, 213, 250, <b>HART</b> 101, 201, 203, <b>HHUM</b> 110, <b>HMUS</b> 100	Humanities Courses 6 Credit Hours Required	X	X	X
Select Two Courses: <b>SGEO</b> 130, 133, <b>SPOL</b> 151, <b>SSOC</b> 171, 275, <b>SHST</b> 141, 142, 145, 146, 214, <b>HPHL</b> 100, 102, 202, <b>SPSY</b> 161, 264, 266, <b>SSCI</b> 112, 114, <b>SPOL</b> 151	Social Science Courses 6 Credit Hours Required	X	X	X
Select one additional course different from the above selection: <b>SGEO</b> 130, 133, <b>SPOL</b> 151, <b>SSOC</b> 171, 275, <b>SHST</b> 141, 142, 145, 146, 214, <b>HPHL</b> 100, 102, 202, <b>SPSY</b> 161, 264, 266, <b>SSCI</b> 112, 114, <b>SPOL</b> 151	ONE ADDITIONAL SOCIAL SCIENCE COURSE	X	X	X

Additional Transferable Courses

BDEP 200	MCS 1514 COMPUTER SCIENCE 1	X	X	X
MMTH 231	MCS 2423 DIFFERENTIAL EQUATIONS	X		
21 SEMESTER HOURS OF COLLEGE LEVEL COURSEWORK	OPEN ELECTIVES (21 SEM HOURS)	X	X	X

**PLEASE NOTE:**

- General Education requirements may be waived by one of the following methods:
  1. satisfying the MACRAO Agreement — transcript must be stamped “MACRAO Agreement Satisfied.”
  2. course by course transfer as indicated on this guide sheet.
  3. satisfactory completion of an articulation agreement where applicable.
- This transfer guide sheet is valid for the catalog dates shown.
- A maximum of 60 semester hours of community college coursework may transfer.
- All classes on guide must have a grade of “C” or higher, in order to transfer.
- We welcome and encourage you to contact an LTU Admissions Counselor early in your community college career to ensure maximum transfer of credit.
- Contact the Office of Admissions if you have questions or would like to schedule a campus tour or an appointment with an Admissions Counselor.

**THE FOLLOWING ARE PREREQUISITE COURSES AND DO NOT TRANSFER**

MMTH 121 Elementary Algebra  
 MMTH 151 College Algebra (option 1)  
 MMTH 122 Trigonometry (option 1)

***Apprenticeship, trade, remedial, physical education, and basic study courses are not transferable.***

An evaluation of your current standing (under the LTU major of your choice) can be obtained by sending student copies of your transcripts to:

LTU Office of Admissions  
 21000 W. 10 Mile Rd.  
 Southfield, MI 48075  
 Phone (248)-204-3160  
 Fax (248) 204-2228